## What Is Claimed:

 A head retracting method for retracting a head which at least reads information for an information recorded
 disk to a retract position according to the power supply failure, comprising:

a first step of moving-controlling said head to a predetermined position in an opposite direction from said retract position such that the velocity of said head becomes constant in the vicinity of said predetermined position; and

a second step of moving-controlling said head to said retract position after said head reaches said predetermined position such that the velocity of said head becomes constant in the vicinity of said retract position.

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2. The head retracting method according to Claim 1, wherein said first step comprises a step of driving the actuator for moving said head with a predetermined first voltage so as to move the head to the predetermined position in an opposite direction from said retract position, and

said second step comprises a step of driving said actuator with a predetermined second voltage which is different from said first voltage so as to move the head to said retract position.

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3. The head retracting method according to Claim 1, wherein said first step comprises a step of controlling the

movement of the head to a predetermined position in an opposite direction from said retract position according to said predetermined target velocity using a velocity signal fed back from velocity detection unit for detecting the 5 moving velocity of said head,

and said second step comprises a step of controlling the movement of the head to said retract position according to a scheduled target velocity using the velocity signal fed back from said velocity detection unit.

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4. The head retracting method according to Claim 1, further comprising a step of breaking an actuator for moving said head for a predetermined time according to said power supply failure.

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- 5. The head retracting method according to Claim 2, further comprising a step of breaking the actuator by shorting both ends of the coil of the actuator for moving said head for a predetermined time according to said power 20 supply failure.
- 6. The head retracting method according to Claim 1, wherein said first step comprises a step of driving an actuator for moving said head for a predetermined time so as to move the head to the predetermined position in an opposite direction from said retract position,

and said second step comprises a step of driving said

actuator for another predetermined time so as to move the head to said retract position.

- 7. The head retracting method according to Claim 1,

  further comprising a third step of monitoring the velocity

  of said head after said movement control of said first step

  and shifting to said second step when the velocity of said

  head is a predetermined velocity or less.
- 10 8. A disk apparatus for retracting a head which at least reads information for an information recorded disk to a retract position according to the power supply failure, comprising:

an actuator for moving said head; and
a control unit which moving-controls said head to
move to a predetermined position in an opposite direction
from said retract position such that the velocity of said
head becomes constant in the vicinity of said predetermined
position, and moving-controls said head to said retract

20 position after said head reaches said predetermined position
such that the velocity of said head constant in the vicinity
of said retract position.

9. The disk apparatus according to Claim 8, wherein
25 said control unit drives the actuator using a predetermined
first voltage so as to move the head to a predetermined
position in an opposite direction from said retract position,

and then drives said actuator using a predetermined second voltage which is different from said first voltage so as to move the head to said retract position.

5 10. The disk apparatus according to Claim 8, further comprising velocity detection unit for detecting the moving velocity of said head,

and wherein said control unit controls the movement of
the head to a predetermined position in an opposite

10 direction from said retract position according to said
predetermined target velocity using a velocity signal fed
back from said velocity detection unit and then controls the
movement of the head to said retract position according to a
scheduled target velocity using the velocity signal fed back

15 from said velocity detection unit.

11. The disk apparatus according to Claim 8, wherein said control unit breaks the actuator for moving said head for a predetermined time according to said power supply failure.

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- 12. The disk apparatus according to Claim 11, wherein said control unit breaks the actuator by shorting both ends of the coil of the actuator for moving said head for a predetermined time according to said power supply failure.
  - 13. The disk apparatus according to Claim 8, wherein

said control unit controls the movement of the head to a predetermined position in an opposite direction from said storage position by driving the actuator for moving said head for a predetermined time, and then controls the movement of the head to said retract position by driving said actuator for another predetermined time.

- 14. The disk apparatus according to Claim 8, wherein said control unit monitors the velocity of said head after said movement control to said predetermined position, and shifts to the movement control to said retract position when the velocity of said head is at a predetermined velocity or less.
- 15. The disk apparatus according to Claim 8, wherein said predetermined position is a position of a stopper of said actuator,

and further comprising a ramp for parking said head at said retract position.

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- 16. A head actuator control circuit for retracting a head which at least reads information for an information recorded disk to a retract position according to the power supply failure, comprising:
- 25 a power monitoring circuit for detecting said power supply failure; and

an actuator control circuit which moving-controls

said head to a predetermined position in an opposite direction from said retract position such that a velocity of said head becomes constant in the vicinity of said predetermined position according to the power supply failure detection of said power supply monitoring circuit, and then moving-controls said head to said retract position after said head reaches said predetermined position such that the velocity of said head moving to said retract position becomes constant in the vicinity of said retract position.

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- 17. The head actuator control circuit according to Claim 16, wherein said actuator control circuit comprises:
  - a voltage mode driver; and
- a controller for controlling said voltage mode driver to drive the actuator for moving said head using a predetermined first voltage so as to move the head to a predetermined position in an opposite direction of said retract position, and then to drive said actuator using a predetermined second voltage which is different from said first voltage so as to move the head to said retract position.
  - 18. The head actuator control circuit according to Claim 16,
- wherein said actuator control circuit comprises:

  velocity detection unit for detecting the moving

  velocity of said head; and

a controller which controls the movement of the head to a predetermined position in an opposite direction of said retract position according to said predetermined target velocity using a velocity signal fed back from said velocity detection unit, and then controls the movement of the head to said retract position according to a scheduled target velocity using the velocity signal fed back from said velocity detection unit.

- 19. The head actuator control circuit according to Claim 16, further comprising a break circuit for breaking the actuator for moving said head for a predetermined time according to said power supply failure.
- 20. The head actuator control circuit according to Claim 19, wherein said break circuit comprises a circuit for shorting both ends of the coil of the actuator for moving said head for a predetermined time according to said power supply failure.

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21. The head actuator control circuit according to Claim 16, wherein said control unit controls the movement of the head to a predetermined position in an opposite direction from said retract position by driving the actuator for moving said head for a predetermined time, then controls the movement of the head to said retract position by driving said actuator for another predetermined time.

22. The head actuator control circuit according to Claim 16, wherein said control unit monitors the velocity of said head after control of movement to said predetermined position is performed, and shifts to the control of movement to said retract position when the velocity of said head is at a predetermined velocity or less.